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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10675380 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>KARAOGUZ ET AL. |
|  | <b>Examiner</b><br><br>Salman Ahmed            | <b>Art Unit</b><br><br>2476   |

| SEARCHED |               |           |          |
|----------|---------------|-----------|----------|
| Class    | Subclass      | Date      | Examiner |
| 370      | 216           | 5/14/2007 | WC       |
| 370      | 217           | 5/14/2007 | WC       |
| 370      | 218           | 5/14/2007 | WC       |
| 370      | 219           | 5/14/2007 | WC       |
| 370      | 220           | 5/14/2007 | WC       |
| 370      | 221           | 5/14/2007 | WC       |
| 370      | 225           | 5/14/2007 | WC       |
| 370      | 228           | 5/14/2007 | WC       |
| 370      | 35            | 5/14/2007 | WC       |
| 370      | 351           | 5/14/2007 | WC       |
| 370      | 395.3         | 5/14/2007 | WC       |
| 370      | 395.43        | 5/14/2007 | WC       |
| 370      | 395.53        | 5/14/2007 | WC       |
| 370      | 401           | 5/14/2007 | WC       |
| 370      | 395.32        | 5/14/2007 | WC       |
| 370      | 327           | 5/14/2007 | WC       |
| Updated  | Above         | 1/5/2011  | SA       |
| 370      | 397, 399, 409 | 1/5/2011  | SA       |

| SEARCH NOTES                    |            |          |
|---------------------------------|------------|----------|
| Search Notes                    | Date       | Examiner |
| EAST search                     | 5/14/2007  | WC       |
| consulted with SPE Wing Chan    | 5/14/2007  | WC       |
| Consulted with PE Alpus Hsu     | 5/14/2007  | WC       |
| inventorship search             | 5/14/2007  | WC       |
| Manual search for class 370/401 | 5/14/2007  | WC       |
| updated search                  | 10/23/2007 | WC       |
| Consulted with SPE Edan Orgad   | 10/23/2007 | WC       |
| updated search                  | 1/2/2008   | WC       |
| consulted with SPE Edan Orgad   | 1/2/2008   | WC       |
| Updated search                  | 1/24/2009  | SA       |
| Updated search                  | 8/6/2009   | SA       |
| Updated search                  | 1/7/2010   | SA       |
| Updated search                  | 4/29/2010  | SA       |
| Updated EAST search             | 1/5/2011   | SA       |

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| <b>SEARCH NOTES</b>  |             |                 |
| <b>Search Notes</b>  | <b>Date</b> | <b>Examiner</b> |
| Updated Inventorship search and IEEE and GOOGLE SCHOLAR search | 1/5/2011    | SA              |

|                            |                               |             |                 |
|----------------------------|-------------------------------|-------------|-----------------|
| <b>INTERFERENCE SEARCH</b> |                               |             |                 |
| <b>Class</b>               | <b>Subclass</b>               | <b>Date</b> | <b>Examiner</b> |
|                            | See attached interence search | 1/5/2011    | SA              |